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L15	radar\$1	72	L15
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L14	113 and 112	49	L14
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L13	13 or 110	1782	L13
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L12	(linear adj frequency adj modulat\$4) or lfm	1410	L12
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DB=USOC; PLUR=YES; OP=OR

L11	110 and chirp\$4	0	L11
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L10	18 and 19	153	L10
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L9	(synthetic adj aperture\$1) or sar	18770	L9
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L7	14 and step\$4	110	L7
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L6	14 and 15	8	L6
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L5	stepped adj frequenc\$3	410	L5
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L4	13 and chirp\$4	162	L4
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L3 I1 and I2

1629 L3

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1 Antenna synthetic beam imaging using chirp algorithm

Allam, A.M.M.A.; Amein, A.S.; Elghany, F.I.A.;

Radio Science Conference, 2000. 17th NRSC '2000. Seventeenth National , 22-24 Feb. 2000

Pages: B12/1 - B1210

[\[Abstract\]](#)
[\[PDF Full-Text \(476 KB\)\]](#)

IEEE CNF

2 High range resolution by means of synthetic bandwidth generated by frequency-stepped chirps

Schimpf, H.; Wahlen, A.; Essen, H.;

Electronics Letters , Volume: 39 , Issue: 18 , 4 Sept. 2003

Pages: 1346 - 1348

[\[Abstract\]](#)
[\[PDF Full-Text \(211 KB\)\]](#)

IEEE JNL

3 An accelerated chirp scaling algorithm for synthetic aperture imaging

Hawkins, D.W.; Gough, P.T.;

Geoscience and Remote Sensing, 1997. IGARSS '97. 'Remote Sensing - A Scientific Vision for Sustainable Development', 1997 IEEE International , Volume: 1 , 3-8 Aug. 1997

Pages: 471 - 473 vol.1

[\[Abstract\]](#)
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IEEE CNF

4 A new method for the compensation of the SAR range cell migration based on the chirp z-transform

Lanari, R.;

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 33 , Issue: 5 , Sep 1995

Pages: 1296 - 1299

[\[Abstract\]](#)
[\[PDF Full-Text \(460 KB\)\]](#)

IEEE JNL

5 Application of the fractional Fourier transform to moving target detection in airborne SAR

Hong-Bo Sun; Guo-Sui Liu; Hong Gu; Wei-Min Su;

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 38 , Issue: 4 , Oct. 2002

Pages:1416 - 1424

[Abstract] [PDF Full-Text (582 KB)] IEEE JNL

6 Discrete chirp-Fourier transform and its application to chirp rate estimation

Xiang-Gen Xia;

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 48 , Issue: 11 , Nov. 2000

Pages:3122 - 3133

[Abstract] [PDF Full-Text (3732 KB)] IEEE JNL

7 Time-varying step-transform algorithm for high squint SAR imaging

Xiaobing Sun; Tat Soon Yeo; Chengbo Zhang; Yihui Lu; Pang Shyan Kooi;

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 37 , Issue: 6 , Nov. 1999

Pages:2668 - 2677

[Abstract] [PDF Full-Text (244 KB)] IEEE JNL

8 A short discussion on the exact compensation of the SAR range-dependent range cell migration effect

Lanari, R.; Fornaro, G.;

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 35 , Issue: 6 , Nov. 1997

Pages:1446 - 1452

[Abstract] [PDF Full-Text (176 KB)] IEEE JNL

9 Patch diameter limitation due to high chirp rates in focused SAR images

Doerry, A.W.;

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 30 , Issue: 4 , Oct. 1994

Pages:1125 - 1129

[Abstract] [PDF Full-Text (356 KB)] IEEE JNL

10 Precision SAR processing using chirp scaling

Raney, R.K.; Runge, H.; Bamler, R.; Cumming, I.G.; Wong, F.H.;

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 32 , Issue: 4 , July 1994

Pages:786 - 799

[Abstract] [PDF Full-Text (1132 KB)] IEEE JNL

11 On the modifier chirp z transform for synthetic aperture radar systems

Adams, J.W.; Bayma, R.W.; Lawrence, M.E.; Petrosian, L.;

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 39 , Issue: 4 , April 1991

Pages:953 - 955

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) IEEE JNL

12 Extension of the chirp scaling algorithm to 3-D near-field wideband radar imaging

Gimeno-Nieves, E.; Lopez-Sanchez, J.M.; Pascual-Villalobos, C.;

Radar, Sonar and Navigation, IEE Proceedings - , Volume: 150 , Issue: 3 , 2 June 2003

Pages:152 - 157

[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) IEEE JNL

13 An adaptive filtering approach to chirp estimation and ISAR imaging of maneuvering targets

Genyuan Wang; Xiang-Gen Xia;

Radar Conference, 2000. The Record of the IEEE 2000 International , 7-12 May 2000

Pages:481 - 486

[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) IEEE CNF

14 Hybrid optical-RF system for generating an improved linear frequency modulated pulses for radar applications

Appelman, R.; Zalevsky, Z.; Mendlovic, D.; Shabtay, G.;

Radar Conference, 2000. The Record of the IEEE 2000 International , 7-12 May 2000

Pages:775 - 780

[\[Abstract\]](#) [\[PDF Full-Text \(296 KB\)\]](#) IEEE CNF

15 An airborne squint SAR processing algorithm

Huang Yan; Li Chunsheng; Li Jingwen; Zhou Yinqing;

Radar, 1996. Proceedings., CIE International Conference of , 8-10 Oct. 1996

Pages:334 - 337

[\[Abstract\]](#) [\[PDF Full-Text \(224 KB\)\]](#) IEEE CNF

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1 Chirp scaling algorithms for SAR processing
Jin, M.Y.; Cheng, F.; Ming Chen;

 Geoscience and Remote Sensing Symposium, 1993. IGARSS '93. 'Better Understanding of Earth Environment', International, 18-21 Aug. 1993
 Pages:1169 - 1172 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) IEEE CNF

2 A high precision workstation-based chirp scaling SAR processor
Breit, H.; Schattler, B.; Steinbrecher, U.;

 Geoscience and Remote Sensing, 1997. IGARSS '97. 'Remote Sensing - A Scientific Vision for Sustainable Development', 1997 IEEE International, Volume: 1, 3-8 Aug. 1997
 Pages:465 - 467 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(360 KB\)\]](#) IEEE CNF

3 Doppler parameter estimation algorithms for SAR processing with the chirp scaling approach
Moreira, A.; Scheiber, R.;

 Geoscience and Remote Sensing Symposium, 1994. IGARSS '94. 'Surface and Atmospheric Remote Sensing: Technologies, Data Analysis and Interpretation', International, Volume: 4, 8-12 Aug. 1994
 Pages:1977 - 1979 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(292 KB\)\]](#) IEEE CNF

4 High range resolution radar using narrowband linear chirps offset in frequency
Lord, R.T.; Inggs, M.R.;

 Communications and Signal Processing, 1997. COMSIG '97., Proceedings of the 1997 South African Symposium on, 9-10 Sept. 1997
 Pages:9 - 12

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) IEEE CNF

5 New applications of nonlinear chirp scaling in SAR data processing
Wong, F.W.; Yeo, T.S.;
Geoscience and Remote Sensing, IEEE Transactions on , Volume: 39 , Issue:
5 , May 2001
Pages:946 - 953

[\[Abstract\]](#) [\[PDF Full-Text \(180 KB\)\]](#) IEEE JNL

6 A short discussion on the exact compensation of the SAR range-dependent range cell migration effect
Lanari, R.; Fornaro, G.;
Geoscience and Remote Sensing, IEEE Transactions on , Volume: 35 , Issue:
6 , Nov. 1997
Pages:1446 - 1452

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7 Effect of pulse phase errors on the chirp scaling SAR processing algorithm
Davidson, G.W.; Wong, F.H.; Cumming, I.G.;
Geoscience and Remote Sensing Symposium, 1995. IGARSS '95. 'Quantitative Remote Sensing for Science and Applications', International , Volume: 3 , 10-14 July 1995
Pages:2298 - 2301 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(376 KB\)\]](#) IEEE CNF

8 An approach for improved processing in squint mode SAR
Davidson, G.W.; Cumming, I.G.; Ito, M.R.;
Geoscience and Remote Sensing Symposium, 1993. IGARSS '93. 'Better Understanding of Earth Environment', International , 18-21 Aug. 1993
Pages:1173 - 1175 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) IEEE CNF

9 Application of the fractional Fourier transform to moving target detection in airborne SAR
Hong-Bo Sun; Guo-Sui Liu; Hong Gu; Wei-Min Su;
Aerospace and Electronic Systems, IEEE Transactions on , Volume: 38 , Issue:
4 , Oct. 2002
Pages:1416 - 1424

[\[Abstract\]](#) [\[PDF Full-Text \(582 KB\)\]](#) IEEE JNL

10 Extended chirp scaling algorithm for air- and spaceborne SAR data processing in stripmap and ScanSAR imaging modes
Moreira, A.; Mittermayer, J.; Scheiber, R.;
Geoscience and Remote Sensing, IEEE Transactions on , Volume: 34 , Issue:
5 , Sept. 1996
Pages:1123 - 1136

[\[Abstract\]](#) [\[PDF Full-Text \(2396 KB\)\]](#) IEEE JNL

11 The effect of pulse phase errors on the chirp scaling SAR processing algorithm

Davidson, G.W.; Wong, F.; Cumming, I.;
Geoscience and Remote Sensing, IEEE Transactions on , Volume: 34 , Issue:
2 , March 1996
Pages:471 - 478

[\[Abstract\]](#) [\[PDF Full-Text \(840 KB\)\]](#) IEEE JNL

12 **A chirp scaling approach for processing squint mode SAR data**
Davidson, G.W.; Cumming, I.G.; Ito, M.R.;
Aerospace and Electronic Systems, IEEE Transactions on , Volume: 32 , Issue:
1 , Jan. 1996
Pages:121 - 133

[\[Abstract\]](#) [\[PDF Full-Text \(1320 KB\)\]](#) IEEE JNL

13 **Patch diameter limitation due to high chirp rates in focused SAR images**
Doerry, A.W.;
Aerospace and Electronic Systems, IEEE Transactions on , Volume: 30 , Issue:
4 , Oct. 1994
Pages:1125 - 1129

[\[Abstract\]](#) [\[PDF Full-Text \(356 KB\)\]](#) IEEE JNL

14 **A chirp signal parameter estimation algorithm and its application to SAR imaging of moving targets**
Liping Zhang; Yingning Peng; Jia Xu;
Radar Conference, 2003. Proceedings of the 2003 IEEE , 5-8 May 2003
Pages:228 - 231

[\[Abstract\]](#) [\[PDF Full-Text \(306 KB\)\]](#) IEEE CNF

15 **Analysis of range ambiguity suppression in SAR by up and down chirp modulation for point and distributed targets**
Mittermayer, J.; Martinez, J.M.;
Geoscience and Remote Sensing Symposium, 2003. IGARSS '03. Proceedings.
2003 IEEE International , Volume: 6 , 21-25 July 2003
Pages:4077 - 4079 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(1418 KB\)\]](#) IEEE CNF

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☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 FOPEN SAR imaging using UWB step-frequency and random noise waveforms***Xiaojian Xu; Narayanan, R.M.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 37 , Issue: 4 , Oct. 2001

Pages:1287 - 1300

[\[Abstract\]](#)[\[PDF Full-Text \(1209 KB\)\]](#)

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2 Imaging performance analysis of a FOPEN UWB random noise radar*Xiaojian Xu; Narayanan, R.M.;*

Antennas and Propagation Society International Symposium, 2001. IEEE , Volume: 4 , 8-13 July 2001

Pages:273 - 276 vol.4

[\[Abstract\]](#)[\[PDF Full-Text \(160 KB\)\]](#)

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3 ISAR echoes coherent processing and imaging*Xing Mengdao; Lan Jinqiao; Bao Zheng; Liao Guisheng;*

Aerospace Conference, 2004. Proceedings. 2004 IEEE , Volume: 3 , 6-13 March 2004

Pages: 1960 Vol.3

[\[Abstract\]](#)[\[PDF Full-Text \(916 KB\)\]](#)

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4 Processing simulated RADARSAT SAR data with squint by a high precision algorithm*Wong, F.; Cumming, I.; Raney, R.K.;*

Geoscience and Remote Sensing Symposium, 1993. IGARSS '93. 'Better Understanding of Earth Environment', International , 18-21 Aug. 1993

Pages:1176 - 1178 vol.3

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